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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re application of:

T.D. Shalon, *et al.*

Appl. No. 09/356,322

Filed: November 24, 1998

For: **SUBSTRATES COMPRISING  
POLYNUCLEOTIDE MICROARRAYS**

Art Unit: 1631

Examiner: Ardin Marschel

Atty. Docket: 12665.0009.CNUS01

Confirmation No.: 7679

#33/D  
Plunkett  
3/18/03

## RESPONSE TO OFFICE ACTION

Commissioner for Patents  
Washington, D.C. 20231

Sir:

This is in response to the Office Action dated **October 1, 2002**, and is submitted on or before the extended due date of **March 1, 2003** (a Saturday). A Petition for a two-month extension and the requisite fee are enclosed herewith. The Examiner is requested to enter the amendments and reconsider the application.

### THE AMENDMENTS

#### In the Specification

Page 6, line 25, before "Fig. 1" insert the following paragraph:

DI  
--The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the U.S. Patent and Trademark Office upon request and payment of the necessary fee.--

#### In the Claims

D2  
7. (Three Times Amended) A substrate with a surface comprising a microarray of DNA sequences, wherein (i) the microarray has a density of about 400 or more discrete regions of DNA sequences per cm<sup>2</sup> of substrate surface, (ii) the DNA sequences are isolated polynucleotides, (iii) the microarray comprises 400 or more regions, and (iv) the DNA sequences